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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/626,535	07/27/2000	Donald F. Hooper	42390. P7876X	1214
7590 10/14/2005			EXAMINER	
Blakely Sokoloff Taylor & Zafman LLP 12400 Wilshire Boulevard Seventh Floor			ENG, DAVID Y	
			ART UNIT	PAPER NUMBER
Los Angeles, C	CA 90025-1026		2155	
			DATE MAILED: 10/14/200	5

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary Examiner			T Application No.	(Applicant/a)					
## Examiner DAVID Y. ENG 2155 ## TO MAILING DATE of this communication appears on the cover sheet with the correspondence address = Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. ### Barielons of time may be available under be previous of 37 CFR 1.136(s). In no event, increwer, may a reply be timely filled in the previous of 37 CFR 1.136(s). In no event, increwer, may a reply be timely filled in 18 Department or any is specified some, the martisma studies period was applied and will explicit study (MONTH) from the mailing date of this communication in 18 Department or any is specified some, the martisma studies period was application; even if showed, in the mailing date of this communication are provided to reply within the set or estanciate private the specification to become the mailing date of this communication (even if showed in the mailing date of this communication, even if showed in the mailing date of this communication, even if showed in the mailing date of this communication to reply within the set or estanciate private the mailing date of the communication, even if showed in the mailing date of this communication to reply within the application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Exparte Quayle, 1935 C.D. 11, 453 O.G. 213. ### Disposition of Claims ### Disposition of Claims ### Claim(s)			Application No.	Applicant(s)					
DAVID Y. ENG 2155			09/626,535	HOOPER ET AL.					
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WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. Educations of time may be available under the provisions of 37 FR 11-38(b). In ne event, however, may a reply be timely filled after SX (6) MONTHS from the making date of this communication. of 15 MONTHS from the making date of this communication. Failube to reply which the sat or cented period for negative 10 MONTHS from the making date of this communication. Failube to reply within the sat or cented period for negative 10 MONTHS from the making date of this communication, even if timely fired, may reduce any seamed pattern the adjustment. See 37 CFR 1.70(b). Status 1) □ Responsive to communication(s) filled on <u>08 August 2005.</u> 2a) □ This action is FINAL. 2b) □ This action is non-final. 3) □ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4 □ Claim(s) <u>1 and 3-20</u> is/are pending in the application. 4 □ Claim(s) <u>1 and 3-20</u> is/are rejected. 5 □ Claim(s) <u>1 and 3-20</u> is/are rejected to. 8 □ Claim(s) <u>1 and 3-20</u> is/are rejected to. 8 □ Claim(s) <u>1 and 3-20</u> is/are rejected to. 8 □ Claim(s) <u>1 and 3-20</u> is/are rejected to. 9 □ The specification is objected to by the Examiner. Application Papers 9 □ The period of the proper objected to be the Examiner. Application Papers 9 □ The drawing(s) filled on <u>is/are</u> : a □ accepted or b □ objected to by the Examiner. Applicari may not request that any objection to the drawing(s) be held in aboyance. See 37 CFR 1.85(a) Replacement drawing sheet(s) including the correction is required if the drawing(s) to objected to. See 37 CFR 1.121(d). 11) □ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) □ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a □ Certified copies of the priority d			ears on the cover sheet	with the correspondence address	: 				
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In view of the newly found reference and Applicants' remarks in their brief filed August 8 2005, finality of the Office action mailed March 29 2005 is hereby withdrawn. Prosecution of the instant application is reopened.

The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claim 2 has been cancelled. The active claims are 1 and 3-20.

Claims 1 and 3-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Belkin (USP 6,604,125) in view of Allison (USP 6,373,848).

Belkin teaches:

a method of processing network data (see network in Figure 1) in a processor (web server 106) having multiple programmable (being programmed by the retrieved threads) multi-threaded engines (120-126) integrated within the processor, the method comprising:

scheduling a first thread (threads from thread pool 114, see lines 53 et seq. of col.4, line 19 of column 5 to line 18 of column 6,) provided by the multiple programmable multi-threaded engines (engines120-126 retrieve specific threads from thread pool for processing incoming data in packet) integrated within the processor to process a first incoming block of data within a network packet received at port (see "port" in line 27 of column 9) of a media access control device; and

scheduling a second thread provided by the multiple programmable multithreaded engines integrated within the processor to process a second incoming block of Application/Control Number: 09/626,535

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data within the network packet prior (see "multiple requests can be processed concurrently" in line 33 of column 9) to the first thread completing processing of the first incoming block of data.

Belkins teaches communication via a network port. Belkins did no make clear whether it is a media access control (MAC) unit. MAC is well known in network art.

Allison teaches (see at least abstract) a MAC for communication via a network. Since Belkins uses network for communication also, it would have been obvious to a person of ordinary skill in the art to incorporate a MAC as taught by Allison for communication via a network.

As to claims 3-4 and 16, the engines of Belkins are inherently capable of saving and retrieving information including information labeled as state information or pointer.

With respect to claims 7 and 17 the engine of Belkins is capable of outputting (inherent) data including state information to a circuitry including circuitry labeling as transmit circuitry.

With respect to claim 8, there is no time sharing in Belkins.

With respect to claim 9, different threads operate out of different engines in Belkins also.

With respect to claims 10, 11 and 14, the wherein clauses merely state the result of the limitations recited in parent claim 7. The clauses therefore add nothing to the patentability or substance of the claims.

With respect to claim 12, Belkins has more than two engines.

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With respect to claim 13, Belkins engines run on the same code also because they are identical.

With respect to claim 18, Ethernet is well known in the art.

With respect to claim 19, port monitoring is inherent in tranceiving.

With respect to claim 20, header parsing is inherent in network communication.

The engines of Belknis is capable of performing lookup and enqueing also.

Davis is cited to show a processor having two independent pipes each for executing a thread.

DAVID Y. ENG PRIMARY EXAMINER